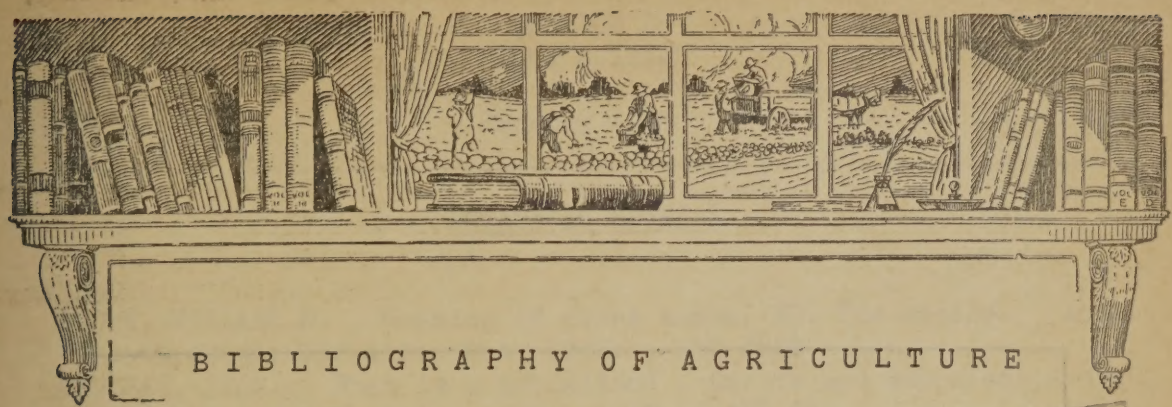

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SECTION D
PLANT SCIENCE

Vol. 2 January 1943 No. 1

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AUTHOR INDEX

The monthly author index will be discontinued with the March issue of Section D unless our readers notify us that it is used enough to justify its continuance.

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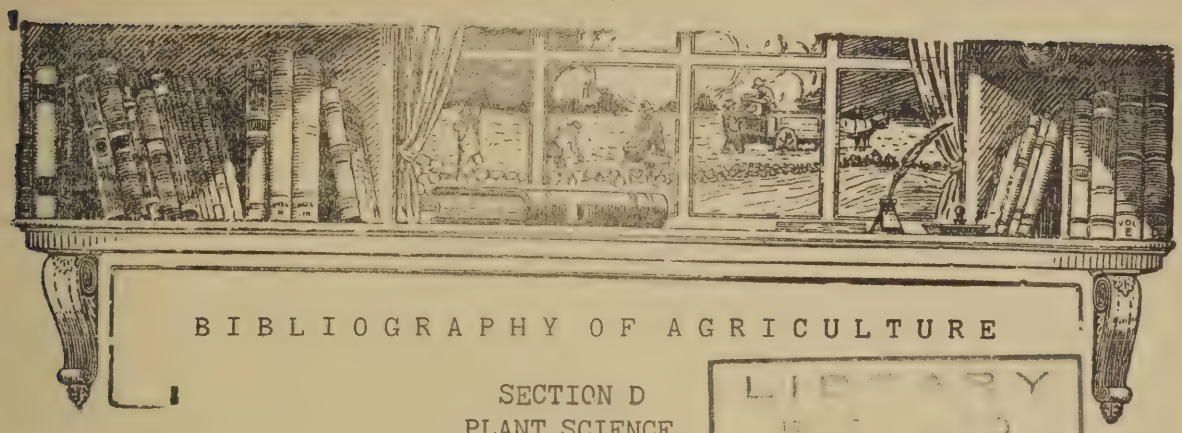

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SECTION D
PLANT SCIENCE

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Section D, Plant Science. Supersedes Plant Science Literature.

Section E, Forestry. Continues Forestry Current Literature, which ceased publication with v. 7, no. 2, Mar.-Apr. 1940.

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NEW SOUTH WALES. DEPARTMENT OF AGRICULTURE. The farmers' handbook. Ed. 5, 1026 pp., illus., map. Sydney, T. H. Tennant, Govt. printer, 1941. 36 N47F

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FREEMAN, W. H., and others. Tests of corn hybrids and varieties at seven locations in Mississippi, 1942. Miss. Agr. Expt. Sta. Bul. 373, 15 pp., illus. State College, Jan. 1943. 100 M69

S. P. Crockett, E. B. Ferris, T. E. Ashley, T. F. Akers, and Proctor E. Gull, joint authors.

GOMES, RAUL. O milho e os "indios coroados" do Paraná. Chacaras e Quintaes 66(5): 588-589, illus. Nov. 15, 1942. 9.2 C34

HAYES, HERBERT K., MURPHY, R. P., and RINKE, E. H. A comparison of the actual yield of double crosses of maize with their predicted yield from single crosses. Amer. Soc. Agron. Jour. 65(1): 60-65. Jan. 1943. Literature cited. 4 Am34P

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McNEW, GEORGE L. The use of fungicides during wartime. IV. Effect of weather conditions on response of sweet corn to different seed treatments. Canner 96(9): 12-15, 24, illus. Jan. 30, 1943. 286.83 C16

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MOSOLOV, VASSILI. Growing winter wheat in eastern Russia. C.S.T.A. Rev. [Canada] no. 35, pp. 25, 27. Dec. 1942. 7 C167C

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MURPHY, HICKMAN C., and BURNETT, LYMAN C. More oats, fewer acres! Farm Sci. Rptr. [Iowa State Col.] 4(1): 6-7, illus. Jan. 1943. 275.28 F22

Enough seed of new disease-resistant varieties available this year to plant Iowa's oat acreage. (Tama, Boone, Control and Marion are highly resistant to crown rust, stem rust and smut.)

NAQVI, SAIYID R. H. On the teratology in maize. Allahabad Farmer 16(4): 293-295, illus. July 1942. References. 22 A15

NEVENS, W. B., and DUNGAN, GEORGE H. Yields of corn hybrids harvested for silage and methods to determine best time to harvest. Ill. Agr. Expt. Sta. Bul. 494, pp. 387-412, illus. Urbana, Oct. 1942. Literature cited. 100 I16S

NEWTON, MARGARET, and JOHNSON, T. Adult plant resistance in wheat to physiologic races of Puccinia triticina Erikss. Canad. Jour. Res., Sect. C, Bot. Sci. 21(1): 10-17. Jan. 1943. References. 470 C16CD

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PAIVA, OLIVEIRA. Notas sôbre fisiologia e seleção de trigo. Rev. Agron. [Rio Grande do Sul] 6(70): 535-536. Oct. 1942. 9.2 R325

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QUINBY, JOHN R. A solution of one farm labor problem. South. Seedsman 6(1): 11, 50, illus. Jan. 1943. 61.8 So8

Combine varieties step up harvesting of grain sorghums.

RATHER, HOWARD C., and TYSON, JAMES. What effect do commercial fertilizers have on the maturity of corn? Amer. Soc. Agron. Jour. 35(1): 43-47. Jan. 1943. 4 Am34P

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RYKER, TRUMAN C. Physiologic specialization in Cercospora oryzae. Phytopathology 33(1): 70-74, illus. Jan. 1943. 464.8 P56

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SĂVULESCU, TRAIAN, HULEA, A., and STĂNESCU, A. Das vorkommen und die verbreitung der in Rumänien den weizenstinkbrand hervorbringenden Tilletia-arten. Phytopath. Ztschr. 14(2): 148-187, illus. (incl. map) 1942. References. 464.8 P162

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SCHREIBER, R. Über die wirkung Mg-armer und Mg-reicher kalidüngemittel auf ertrag, qualität, K_2O- und MgO-aufnahme des sommerweizens unter besonderer berücksichtigung der in diesen düngemitteln vorwiegend enthaltenen anionen. Bodenk. u. Pflanzenernähr. 27(1/3): 134-149, illus. 1942. References. 384 Z343A

SPASOJEVIĆ, VLADIMIR. Beziehungen zwischen der zahl der chromosomen (n) und der grösse der pollenkörner beim genus Triticum. Züchter 14(9): 215-217. Sept. 1942. References. 442.8 Z8

SPRAGUE, GEORGE F., and HIXON, RALPH M. A new starch from corn. Seed World 53(2): 20-21, illus. Jan. 15, 1943. 61.8 Se52

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STEVENS, ORIN A. Wheat grains without embryos. Science 97(2508): 91. Jan. 22, 1943. 470 Sci2

TATUM, LOYD A., and ZUBER, M. S. Germination of maize under adverse conditions. Amer. Soc. Agron. Jour. 65(1): 48-59, illus. Jan. 1943. Literature cited. 4 Am34P

TERVET, IAN W., and HART, HELEN. Variation in reaction of Anthony oats to stem rust, Puccinia graminis avenae. Phytopathology 32(12): 1087-1090, illus. Dec. 1942. 464.8 P56

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TYNER, LAWRENCE E., and BROADFOOT, WILLIAM C. Studies on foot and root rot of wheat. VII. Some factors affecting the health of wheat seedlings in nutrient solutions. Canad. Jour. Res. Sect. C, Bot. Sci. 21(1): 18-25. Jan. 1943. References. 470 C16CD

The effect of iron tartrate on the development of chlorosis in wheat seedlings and the effect of extracts of Helminthosporium and Fusarium culmorum on disease expression.

WELLHAUSEN, EDWIN J. The accuracy of incomplete block designs in varietal trials in West Virginia. Amer. Soc. Agron. Jour. 35(1): 66-76. Jan. 1943. Literature cited. 4 Am34P

Data are presented to show the accuracy of 60 corn varietal trials in West Virginia.

WELLHAUSEN, EDWIN J. Leaf blight of corn in West Virginia. Plant Dis. Rptr. 26(23): 494-495. Dec. 15, 1942. 1.9 P69P

Helminthosporium turcicum.

WYCHE, ROBERT H. Fertilizing the 1943 rice crop. Rice Jour. 45(12): 3-4. Dec. 1942. 59.8 R36

Experiments at Texas Agricultural Experiment Station, Substation No. 4, Beaumont.

COTTON AND OTHER FIBER PLANTS

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BERARD, de. Note sur la culture de l'abaca aux Philippines. Rev. Agr. de la Nouvelle-Calédonie 1942: 4828-4839. Nouméa, Sept. 1942. 25 N43

BREDEMANN, GUSTAV. Züchtung auf fasergehalt bei hanf (Cannabis sativus L.) Züchter 14(9): 201-213, illus. Sept. 1942. References. 442.8 Z8

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CORREA, ALBERTO. El cultivo del algodon "Sea Island" en Puerto Rico. Puerto Rico Col. Agr. Bol. Ext., no. 18, 39 pp., illus. Rio Piedras, June 1942. References. 275.29 P96

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Pub. no. 60, Junta Nac. Algodón.

HACKLEMAN, J. C., and DOMINGO, W. E. Hemp: an Illinois war crop. Ill. Agr. Col. Ext. Cir. 547, 8 pp., illus. Urbana, Jan. 1943. 275.29 I162C

HUTCHINSON, JOSEPH B. A note on Gossypium brevilanatum Hoch. Trop. Agr. [Trinidad] 20(1): 4. Jan. 1943. 26 T754

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The monthly author index will be discontinued with the March issue of Section D unless our readers notify us that it is used enough to justify its continuance.

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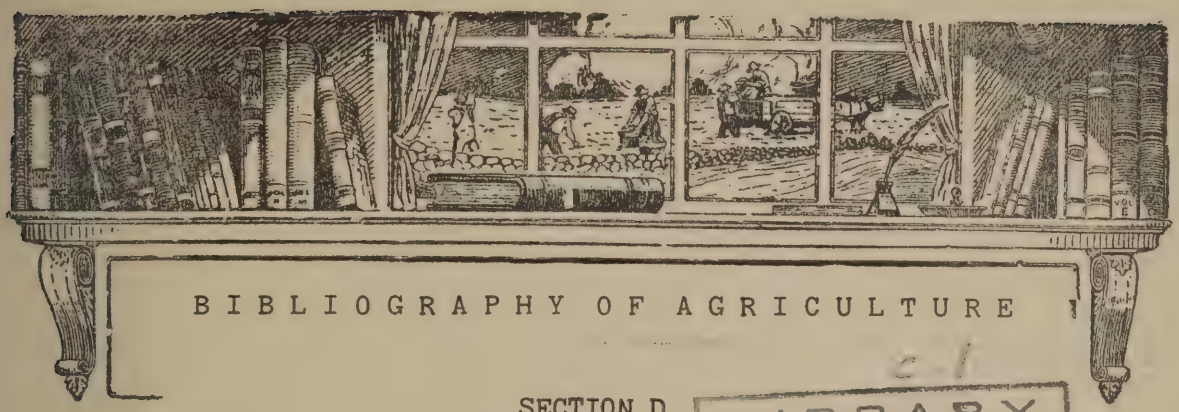

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The monthly author index will be discontinued with the June issue of Section D unless our readers notify us that it is used enough to justify its continuance.

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CORRECTION

In the fourth entry on p. D-81 of v. 2, no. 2, February 1943, the title of the journal should be "Rev. de Agr. [Dominican Repub.]" instead of "Rev. de Agr., Indus. y Com. de Puerto Rico" and the call number "8 R323" instead of "8 R325"

AUTHOR INDEX

The monthly author index will be discontinued with the June issue of Section D unless our readers notify us that it is used enough to justify its continuance.

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SECTION D
PLANT SCIENCE

Vol. 2 May 1943 No. 5

THE INDEX TO VOLUMES 1 AND 2 WILL BE ISSUED IN PLACE OF THE REGULAR JUNE 1943 ISSUES OF ALL PARTS OF THE BIBLIOGRAPHY OF AGRICULTURE.

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